

AMENDMENTS TO THE CLAIMS

Please amend Claims independent Claims 1, 37, 46, and 53, and dependent Claims 2-6, 13, 29-32, 34, 35, 38, 40, and 54-55 and add new Claims 89-92 as follows:

1. (currently amended) A Radio Frequency Identification (RFID) tag or label comprising:
a RFID tag module comprising an electronic identification circuit and a coupling means;
and
an antenna structure coupled to the coupling means,
wherein the RFID tag module is ~~at least one of separate from and in a non-contacting~~
coupled arrangement with, separable, or arranged to be severable from, the antenna structure.
2. (currently amended) ~~A~~The RFID tag or label according to claim 1, wherein the coupling means comprises an antenna ~~that is at least one of~~ connected to, or integral with, the RFID tag module.
3. (currently amended) ~~A~~The RFID tag or label according to claim 1, wherein the antenna structure is coupled to a further electronic identification circuit.
4. (currently amended) ~~A~~The RFID tag or label according to claim 3, wherein the further electronic identification circuit is at least one of integral with, or substantially permanently attached to, the antenna structure.
5. (currently amended) ~~A~~The RFID tag or label according to claim 1, wherein the antenna structure increases the effective aperture of the RFID tag module.
6. (currently amended) ~~A~~The RFID tag or label according to claim 1, wherein the antenna structure at least one of improves the ability to communicate with the RFID tag module, ~~and/or~~ increases the range over which the RFID tag module can be communicated with, ~~and/or~~ improves the ability to communicate with the RFID tag module in multiple directions.

7-12. (canceled)

13. (currently amended) ~~A~~The RFID tag or label according to claim 1, wherein the coupling between the coupling means and the antenna structure is a non-contact coupling.

14-28. (canceled)

29. (currently amended) ~~A~~The RFID tag or label according to claim 1, wherein at least one dimension of the antenna structure is substantially an odd multiple of $\lambda/2$, λ , being the wavelength corresponding to the operating frequency of the RFID tag module.

30. (currently amended) ~~A~~The RFID tag or label according to claim 1, wherein the RFID tag module is constructed such that it ~~can be~~ substantially not be communicated with when it is not coupled to the antenna structure.

31. (currently amended) ~~A~~The RFID tag or label according to claim 1, wherein the RFID tag module is constructed such that it ~~can be~~ communicated with when it is not coupled to the antenna structure.

32. (currently amended) ~~A~~The RFID tag or label according to claim 31, ~~wherein the distance over which it can be~~ communicated with when it is ~~not~~ coupled to the antenna structure ~~being d_0 , is substantially larger than the distance over which it can be~~ communicated with when it is ~~not~~ coupled to the antenna structure ~~being d_1 , wherein d_1 is substantially larger than d_0 .~~

33. (canceled)

34. (currently amended) ~~A-The~~ RFID tag or label according to claim 1, wherein the RFID tag module is at least one of integral with, or attached to, an item, and the antenna structure is at least one of integral with, or attached to, packaging material used for the item.

35. (currently amended) ~~A-The~~ RFID tag or label according to claim 1, wherein the RFID tag module ~~can be~~ communicated with by close proximity means without galvanic contact.

36. (canceled)

37. (currently amended) An object for use with a first Radio Frequency Identification (RFID) tag module, the object comprising an antenna structure which is at least one of integral with, or attached to, the object and which is arranged to accomplish at least one of the following:
to improve the ability to communicate with the first RFID tag module, ~~and/or~~
to increase the range over which the first RFID tag module can be communicated with,
~~and/or~~
to improve the ability to communicate with the first RFID tag module in multiple directions
when the first RFID tag module is used in combination with the object so as to form a first RFID tag or label.

38. (currently amended) ~~An-The~~ object according to claim 37, further comprising a second RFID tag module which is coupled to the antenna structure, so as to form a second RFID tag or label.

39. (canceled)

40. (currently amended) An object according to claim 38, wherein the second RFID tag module is integral with, or substantially permanently attached to, the remainder of the object.

41-45. (canceled)

46. (currently amended) A method of manufacturing a RFID tag or label, comprising:
providing a RFID tag module comprising an electronic identification circuit and a coupling means; and
coupling an antenna structure to the coupling means,
wherein the RFID tag module is at least one of separate from and in a non-contacting coupled arrangement with, separable, or arranged to be severable from, the antenna structure.

47-52. (canceled)

53. (currently amended) A Radio Frequency Identification (RFID) system comprising:
at least one Radio Frequency Identification (RFID) tag or label ~~according to claim 1;~~
comprising:
a RFID tag module comprising an electronic identification circuit and a coupling
means; and
an antenna structure coupled to the coupling means,
wherein the RFID tag module is at least one of separate and in a non-contacting
coupled arrangement with, separable, or arranged to be severable from, the antenna
structure, and
at least one RFID communication means.

54. (currently amended) ~~A~~The system according to claim 53, wherein the RFID tag module can be communicated with by means of a first said RFID communication means when the antenna structure is coupled to the coupling means, and can be communicated with by means of a second said RFID communication means when the antenna structure is not coupled to the coupling means, but cannot be communicated with by means of the first said RFID communication means when the antenna structure is not coupled to the coupling means.

55. (currently amended) ~~A~~^{The} system according to claim 53, wherein the RFID communication means comprises a RFID reader.

56-88. (canceled).

89. (new) A Radio Frequency Identification (RFID) tag or label comprising:
a RFID tag module comprising an electronic identification circuit and a coupling means;
and
an antenna structure coupled to the coupling means,
wherein the RFID tag module is in a non-contacting coupled arrangement with the antenna structure.

90. (new) The RFID tag or label according to claim 89, wherein the RFID tag module is in non-contacting coupled arrangement with the antenna structure by one of an electromagnetic, inductive or capacitive coupling.

91. (new) The RFID tag or label according to claim 89, wherein said antenna structure is a foil.

92. (new) A Radio Frequency Identification (RFID) tag or label comprising:
a RFID tag module comprising an electronic identification circuit and a coupling means;
and
an antenna structure coupled to the coupling means,
wherein the RFID tag module is arranged to be severable from the antenna structure.